

SEQUENCE LISTING

<110> Betagenon AB  
Yeda Research and Development Company Limited

<120> NEW ANIMAL MODEL

<130> 72739-76931

<150> US 60/481,249

<151> 2003-08-18

<150> US 60/481,608

<151> 2003-11-07

<150> US 60/521,377

<151> 2004-06-22

<160> 4

<170> PatentIn version 3.2

<210> 1

<211> 300

<212> PRT

<213> Mus musculus

<400> 1

Met Asp Leu Pro Pro Gln Phe Ser Phe Ala Leu Tyr Val Ser Ala Phe  
1 5 10 15

Ala Leu Gly Phe Pro Leu Asn Leu Leu Ala Ile Arg Gly Ala Val Ser  
20 25 30

His Ala Lys Leu Arg Leu Thr Pro Ser Leu Val Tyr Thr Leu His Leu  
35 40 45

Gly Cys Ser Asp Leu Leu Leu Ala Ile Thr Leu Pro Leu Lys Ala Val  
50 55 60

Glu Ala Leu Ala Ser Gly Ala Trp Pro Leu Pro Leu Pro Phe Cys Pro  
65 70 75 80

Val Phe Ala Leu Ala His Phe Ala Pro Leu Tyr Ala Gly Gly Phe  
85 90 95

Leu Ala Ala Leu Ser Ala Gly Arg Tyr Leu Gly Ala Ala Phe Pro Phe  
100 105 110

Gly Tyr Gln Ala Ile Arg Arg Pro Arg Tyr Ser Trp Gly Val Cys Val  
115 120 125

Ala Ile Trp Ala Leu Val Leu Cys His Leu Gly Leu Ala Leu Gly Leu  
130 135 140

Glu Thr Ser Gly Ser Trp Leu Asp Asn Ser Thr Ser Ser Leu Gly Ile  
145 150 155 160

Asn Ile Pro Val Asn Gly Ser Pro Val Cys Leu Glu Ala Trp Asp Pro  
165 170 175

Asp Ser Ala Arg Pro Ala Arg Leu Ser Phe Ser Ile Leu Leu Phe Phe  
180 185 190

Leu Pro Leu Val Ile Thr Ala Phe Cys Tyr Val Gly Cys Leu Arg Ala  
195 200 205

Leu Val Arg Ser Gly Leu Ser His Lys Arg Lys Leu Arg Ala Ala Trp  
210 215 220

Val Ala Gly Gly Ala Leu Leu Thr Leu Leu Leu Cys Leu Gly Pro Tyr  
225 230 235 240

Asn Ala Ser Asn Val Ala Ser Phe Ile Asn Pro Asp Leu Gly Gly Ser  
245 250 255

Trp Arg Lys Leu Gly Leu Ile Thr Gly Ala Trp Ser Val Val Leu Asn  
260 265 270

Pro Leu Val Thr Gly Tyr Leu Gly Thr Gly Pro Gly Arg Gly Thr Ile  
275 280 285

Cys Val Thr Arg Thr Gln Arg Gly Thr Ile Gln Lys  
290 295 300

<210> 2

<211> 903

<212> DNA

<213> Mus musculus

<220>

<221> misc\_feature

<222> (67)..(393)

<223> transmembrane receptor

<400> 2

atggacacctgc ccccacagtt ctccatcgct ctctatgtat ctgcctttgc gctgggcttt  
60

ccattgaact tggtagccat ccgaggcgca gtgtccccacg ctaaaactgcg actcactccc  
120

agcttggct acactctcca tctgggctgc tctgatctcc tactggccat cactctgccc  
180

ctgaaggctg tggaggccct ggcttctgga gcctggccccc tgccgctccc cttctgccc  
240

gtctttgcct tggcccaactt tgctccccctc tacgcaggcg gaggcttccct agctgctctc  
300

agcgctggcc gctacactggg ggctgccttc cccttcgggt accaagccat ccggaggccc  
360

cgcttattcct ggggtgtgtg tgtggctata tggggcccttg tcctctgcca cctggggctg  
420

gcccttggct tggagacttc cggaagctgg ctggacaaca gtaccagttc cctgggcattc  
480

aacatacccg tgaatggctc cccggctgc ctggaagcct gggatcccg a ctctgccccgc  
540

cctgccccgtc tcagtttctc cattctgctc ttctttctgc cttgggtcat cactgccttc  
600

tgctatgtgg gctgcctccg ggccctggtg cgctcaggcc tgagccacaa acggaagctc  
660

aggcagctt gggtgcccg aggcgctctc ctcacactcc tgctctgcct gggccctat  
720

aatgcctcca atgtggctag tttcataaac ccggacctag gaggctctg gaggaagttg  
780

ggactcatca caggggcctg gagtgtggta ctcaacccac tggtcactgg ctacttggga  
840

acaggtcctg gacgggaaac aatatgtgtg acgaggactc aaagaggaac aattcagaag  
900

tag  
903

<210> 3  
<211> 21  
<212> DNA  
<213> Unknown

<220>  
<223> primer

<400> 3  
ggaaagagga gatgttagact t  
21

<210> 4  
<211> 18  
<212> DNA  
<213> Unknown

<220>  
<223> primer

<400> 4  
gtagagggga gcaaagtg  
18